Quantitation Report (Qedit)

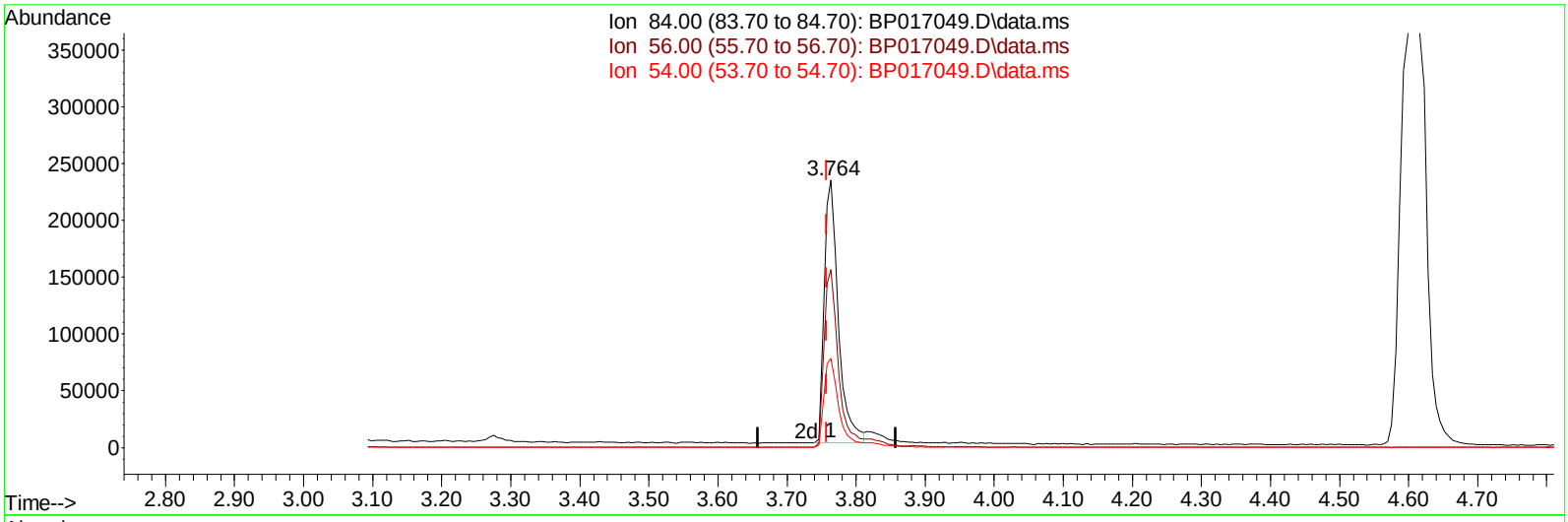
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017049.D
Acq On : 09 Sep 2023 13:25
Operator : MA/JU
Sample : 04227-09MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

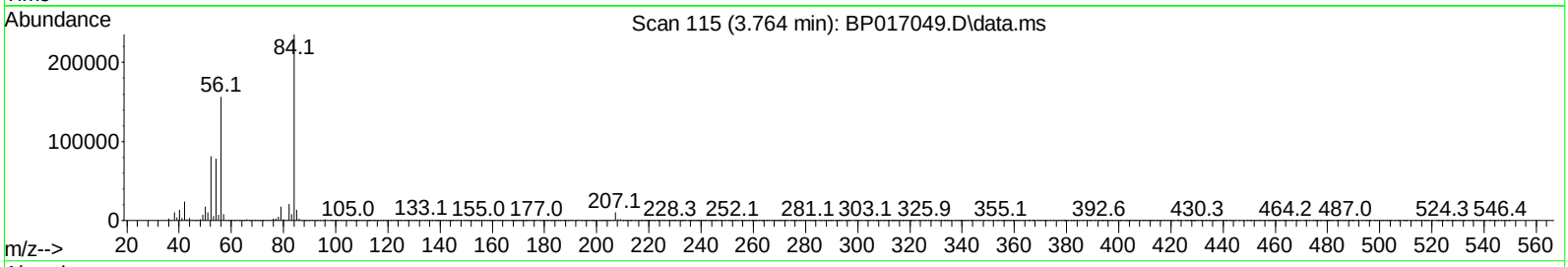
Quant Time: Sep 09 23:05:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

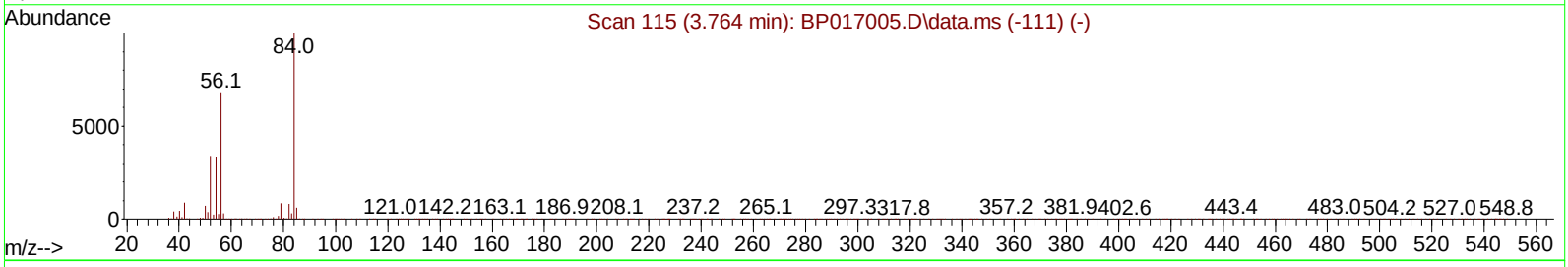
Instrument :
BNA_P
ClientSampleId :
BH9X8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023







TIC: BP017049.D\data.ms

(4) Pyridine-d5 (S)

3.764min (+ 0.006) 13.80 ng/ul

response 326662

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.10	66.61
54.00	31.70	33.38
0.00	0.00	0.00

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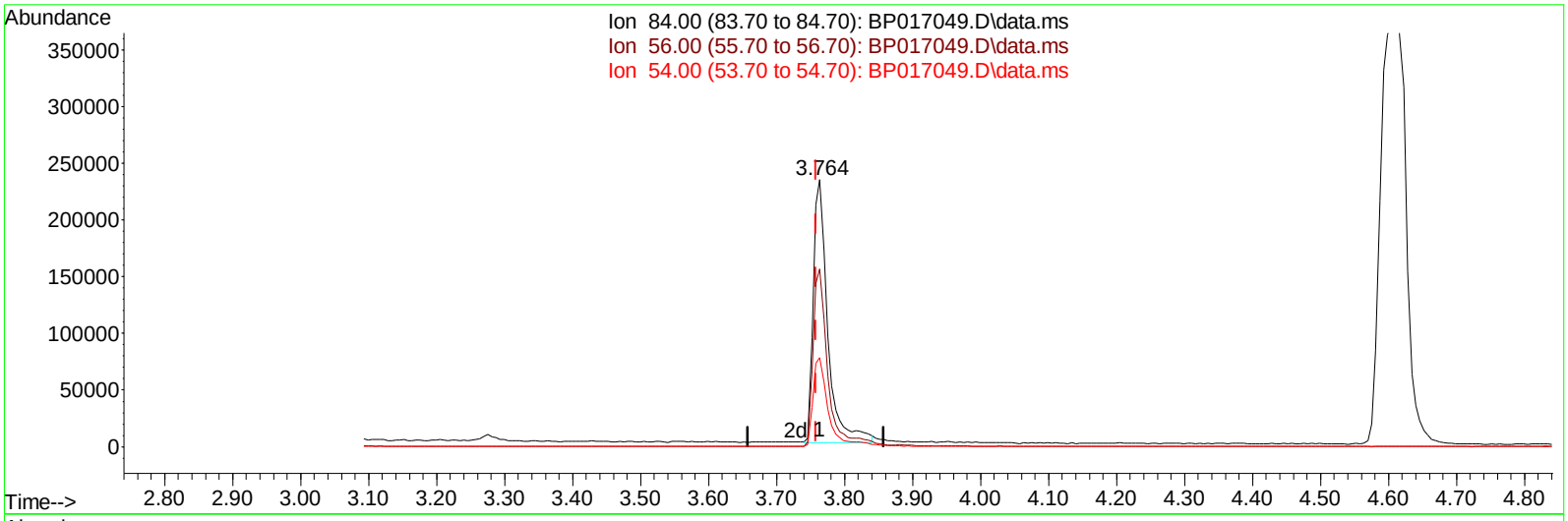

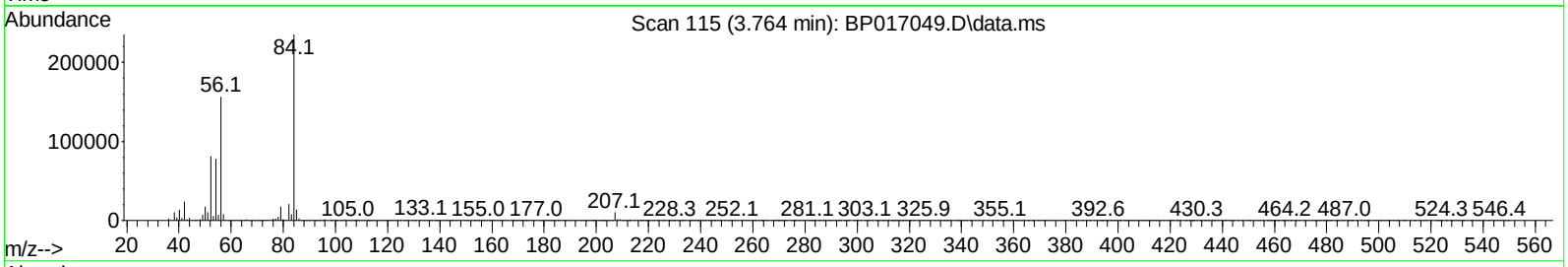

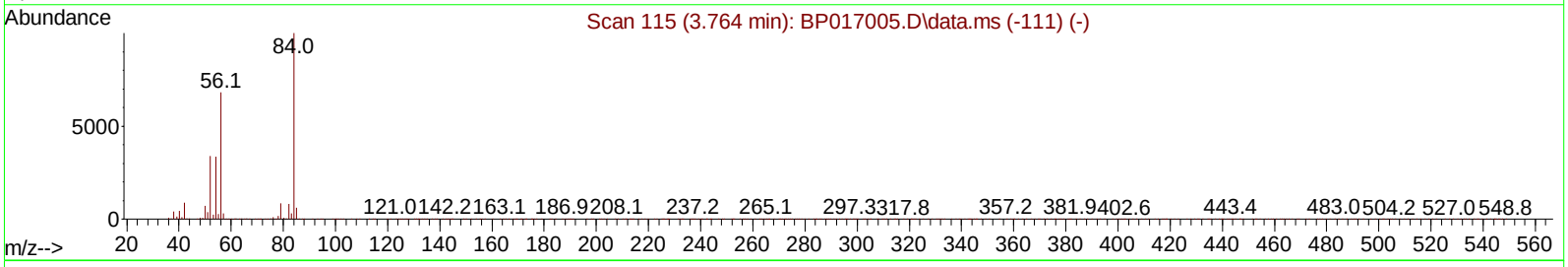

TIC: BP017049.D\data.ms

(4) Pyridine-d5 (S)

3.764min (+ 0.006) 14.60 ng/ul m

response 345520

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.10	66.61
54.00	31.70	33.38
0.00	0.00	0.00

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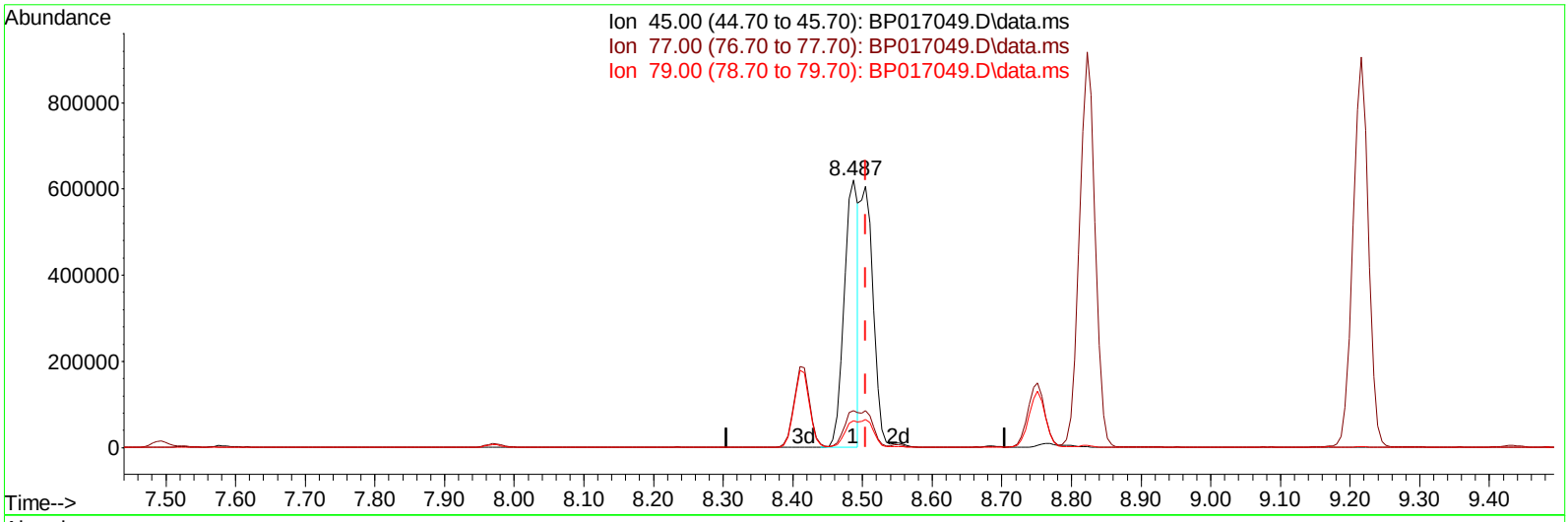

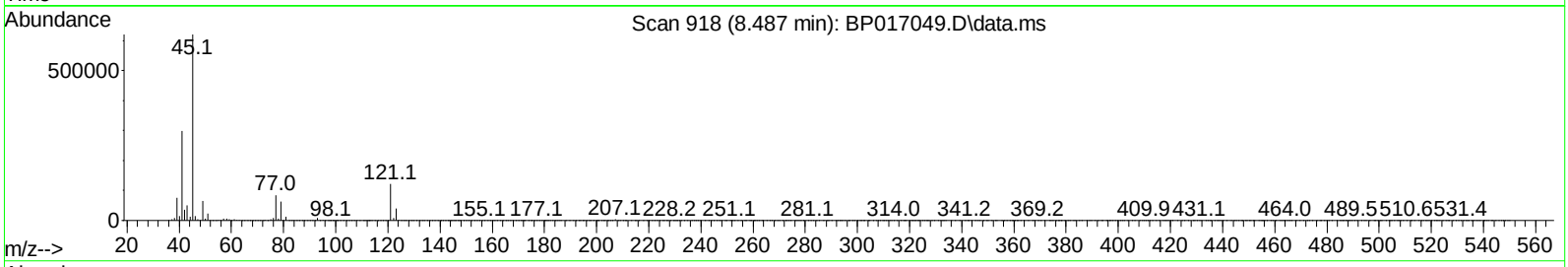

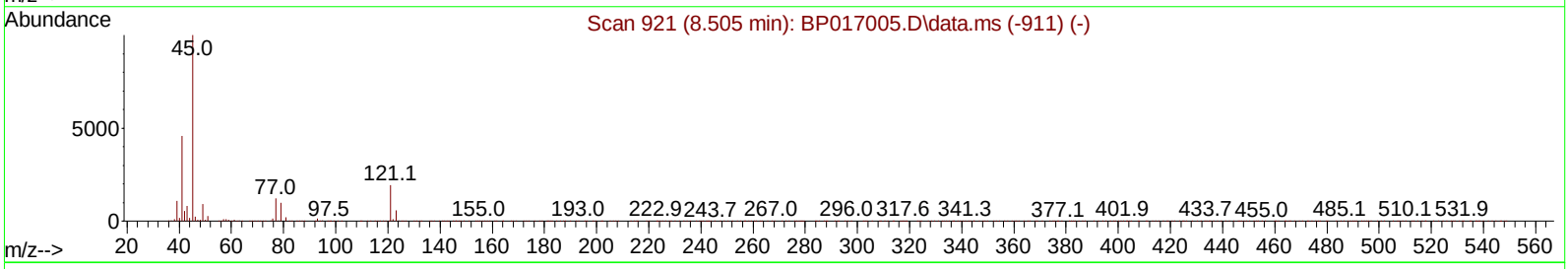

TIC: BP017049.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.487min (-0.018) 26.02 ng/ul

response 869029

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.70
79.00	11.20	10.11
0.00	0.00	0.00

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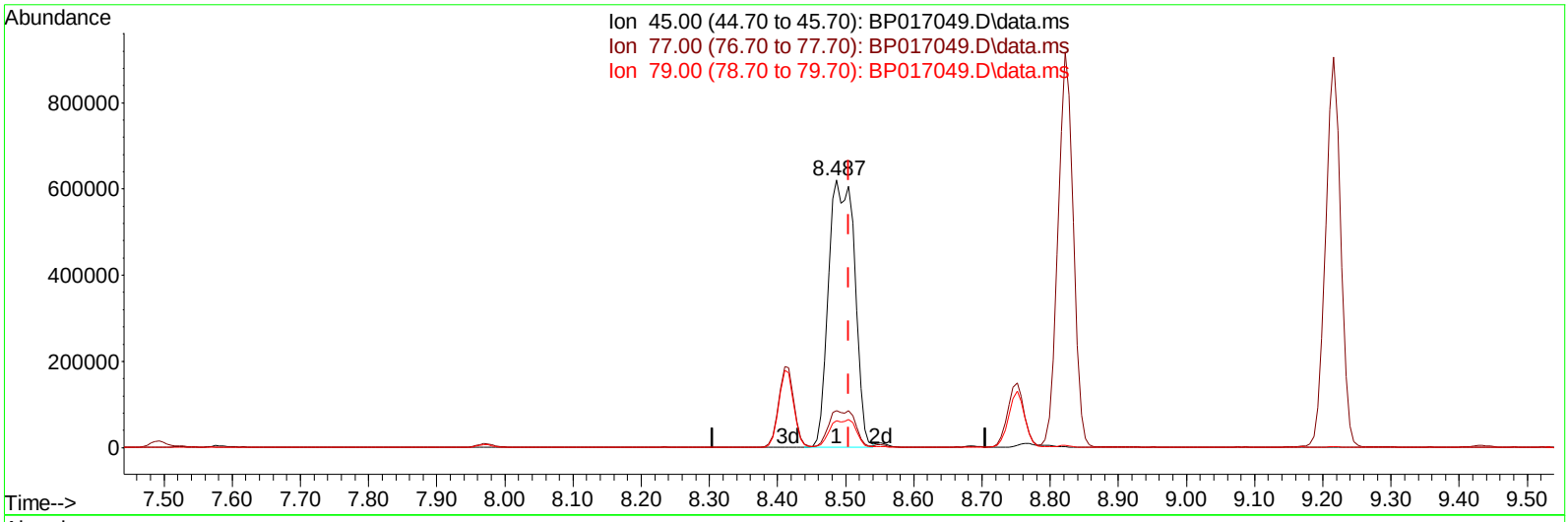

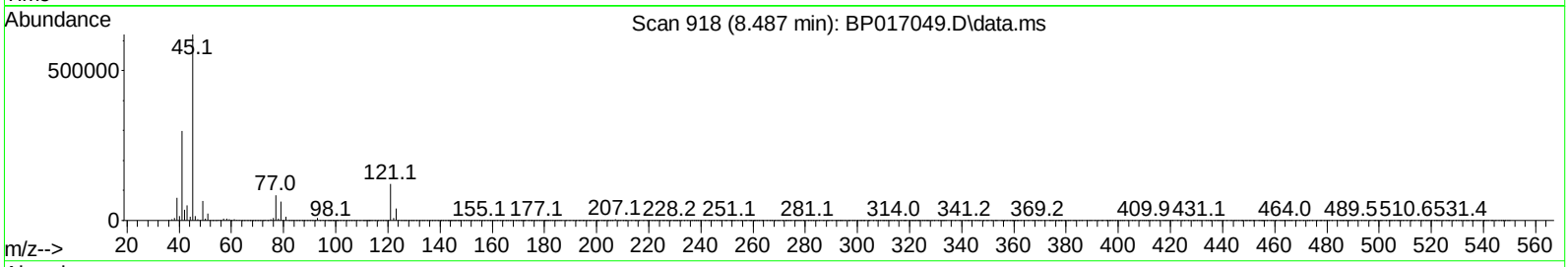

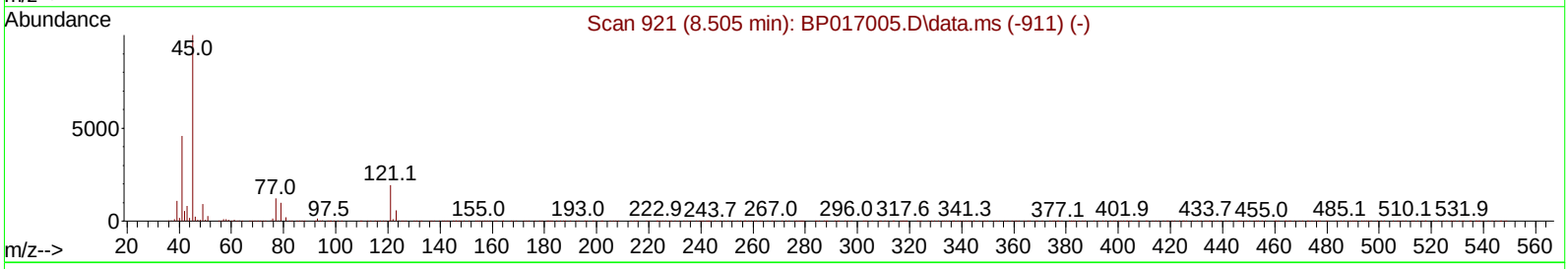

TIC: BP017049.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.487min (-0.018) 49.50 ng/ul m

response 1653148

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.70
79.00	11.20	10.11
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	313362	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1382928	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	834313	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1765029	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1526409	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1420490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	47515	5.736	ng/uL	0.00
4) Pyridine-d5	3.764	84	345520m	14.597	ng/ul	0.00
7) Phenol-d5	7.122	99	318453	11.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	846959	47.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	781238	37.705	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	551988	25.309	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	493396	45.988	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	525594	45.192	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	913883	42.562	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1085876	35.053	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2954892	47.580	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	3383398	47.207	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	129807	10.700	ng/ul	0.00
60) Fluorene-d10	15.628	176	2538144	47.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	489661	46.099	ng/ul	0.00
73) Anthracene-d10	17.498	188	3962355	48.883	ng/ul	0.00
81) Pyrene-d10	19.733	212	4477407	48.158	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	3599387	49.947	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	74703	8.352	ng/uL	97
5) Pyridine	3.781	79	399619	15.858	ng/ul	98
6) Benzaldehyde	7.128	77	744119	57.348	ng/ul	99
8) Phenol	7.146	94	357372	12.015	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.405	93	1120573	47.242	ng/ul	98
12) 2-Chlorophenol	7.528	128	841688	38.131	ng/ul	99
13) 2-Methylphenol	8.410	108	651065	29.841	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1653148m	49.501	ng/ul	
16) Acetophenone	8.822	105	1732617	49.228	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.799	70	941468	50.075	ng/ul	98
18) 4-Methylphenol	8.752	108	629521	26.457	ng/ul	98
19) Hexachloroethane	9.040	117	400861	43.837	ng/ul	93
22) Nitrobenzene	9.216	77	1400939	48.903	ng/ul	98
23) Isophorone	9.734	82	2584775	48.026	ng/ul	99
25) 2-Nitrophenol	9.916	139	591781	46.215	ng/ul	96
26) 2,4-Dimethylphenol	9.957	107	920047	35.191	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	1546731	46.372	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	942125	43.055	ng/ul	98
30) Naphthalene	10.851	128	3379134	44.780	ng/ul	99
32) 4-Chloroaniline	10.987	127	1051795	32.625	ng/ul	100
33) Hexachlorobutadiene	11.081	225	518376	39.634	ng/ul	98
34) Caprolactam	11.822	113	44545	6.147	ng/ul	82
35) 4-Chloro-3-methylphenol	12.081	107	964884	40.238	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	2307521	46.273 ng/ul	100
37) 1-Methylnaphthalene	12.675	142	2254607	44.906 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	1073814	43.684 ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	430431	27.025 ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	762570	45.580 ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	833433	45.784 ng/ul	98
43) 1,1'-Biphenyl	13.463	154	3105247	47.020 ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2427781	46.821 ng/ul	99
45) 2-Nitroaniline	13.745	65	855637	55.409 ng/ul	96
47) Dimethylphthalate	14.092	163	3104330	47.640 ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	642450	50.767 ng/ul	98
50) Acenaphthylene	14.357	152	3864643	48.156 ng/ul	99
51) 3-Nitroaniline	14.575	138	625592	49.535 ng/ul	99
52) Acenaphthene	14.692	153	2713209	48.456 ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	321622	40.990 ng/ul	94
55) 4-Nitrophenol	14.857	109	116974	12.048 ng/ul	92
56) Dibenzofuran	15.028	168	3681187	47.814 ng/ul	97
57) 2,4-Dinitrotoluene	15.016	165	963296	53.028 ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	666541	45.415 ng/ul	97
59) Diethylphthalate	15.445	149	3194211	49.053 ng/ul	100
61) Fluorene	15.681	166	3144315	49.536 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	1462355	47.672 ng/ul	98
63) 4-Nitroaniline	15.745	138	671206	60.448 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.769	198	511711	45.983 ng/ul#	90
67) N-Nitrosodiphenylamine	15.898	169	2517253	47.298 ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	811458	46.211 ng/ul	99
69) Hexachlorobenzene	16.657	284	881759	45.808 ng/ul	96
70) Atrazine	16.851	200	634969	34.846 ng/ul	99
71) Pentachlorophenol	17.022	266	541256	43.119 ng/ul	100
72) Phenanthrene	17.439	178	4883773	49.795 ng/ul	99
74) Anthracene	17.533	178	4906863	49.769 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.416	216	104462	4.155 ng/uL	96
76) Pentachlorobenzene	14.922	250	1068738	44.130 ng/uL	100
77) Carbazole	17.816	167	4641290	52.385 ng/ul	99
78) Di-n-butylphthalate	18.327	149	5756140	53.031 ng/ul	99
80) Fluoranthene	19.404	202	5617581	48.390 ng/ul	98
82) Pyrene	19.763	202	5866946	48.675 ng/ul	97
83) Butylbenzylphthalate	20.621	149	2721163	54.590 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	1207269	35.638 ng/ul	99
85) Benzo(a)anthracene	21.480	228	5439865	50.602 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	3900634	56.643 ng/ul	98
87) Chrysene	21.533	228	5069429	50.412 ng/ul	98
89) Di-n-octyl phthalate	22.321	149	6464763	54.291 ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	4894286	49.314 ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	4867158	50.643 ng/ul	99
93) Benzo(a)pyrene	23.915	252	4194891	50.676 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	4907001	53.402 ng/ul	97
95) Dibenzo(a,h)anthracene	26.739	278	4084642	53.858 ng/ul	98
96) Benzo(g,h,i)perylene	27.562	276	3747448	51.752 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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